Advanced Performance Line

Smart card keyboard GemPC410 compatible

NTK technology

SmartBoard G83-6716

GEMPLUS

FCC Part 15
Subpart B
Class B

Other approvals available on request.

Microsoft is a registered trademark of Microsoft Corporation.

Key benefits

– Space-efficient compact keyboard
– Membrane contact switches with rubber-mat technology for individual use
– Individual keys have long service life:
>20 million operations

Applications

The keyboard is ideal for smart card applications such as home banking, smart card-based internet transactions, authorizing access to PCs, logging on to networks etc. Please ensure that your application software supports Cherry's G83-6716 (GemPC410) or will allow you to load the relevant driver.

Technical specifications

Keyboard

Temperature range:
Storage temperature:
-20 °C to +60 °C
Operating temperature:
0 °C to +50 °C

Dimensions: (L x W x H mm)
458 x 195 x 54 mm

Weight: approx. 1,500 g

Power supply:
+5 V/DC ± 5%

Current input: typ. 100 mA

Connecting cable:
1.75m long with PS/2 connector and additional connector with
RS 232 connector

Smart card terminal

– Integrated GemPC410 card reader (GEMCORE)
– Read/write any ISO 7816 1/2/3 compliant microprocessor smart card (T=0, T=1)
– Supports 3V and 5V cards
– MTBF 100,000 read cycles

Protocols

Smart card interface
Asynchronous protocols
T=0, T=1
Synchronous protocols
S=8, S=9, S=10

The latest drivers can be downloaded in the internet from our homepage at:
http://support.cherry.de

E-commerce

Stock codes

G83-6716 LQA..(1)

Cable with two connectors, PS/2 for keyboard, RS 232 for smart card

(1) International layouts

BE	=	Belgian
CH	=	Swiss
DE	=	German
DK	=	Danish
ES	=	Spanish
FR	=	French
GB	=	English (UK)
EU	=	English (US)
SL	=	SI/HR/YU/BiH
IT	=	Italian
NO	=	Norwegian
SF	=	Swedish/Finnish

Other versions available on request.